

AUG 0 1 2003

Robert Greene Sterne Edward J. Kessler Jorge A. Goldstein David K.S. Cornwe Tracy-Gene G. Durkin Michele A. Cimbala Michael Q. Lee Steven R. Ludwig John M. Covert inda F Alcoro Lawrence B. Bugaisky Donald J. Featherstone

Judith U. Kim Timothy J. Shea, Jr. Patrick E. Garrett Heidi L. Kraus Edward W. Yee Albert L. Ferro* AIDER L. FETTO Donald R. Banowi Peter A. Jackman Molly A. McCall Teresa U. Medler Jeffrey S. Weaver Kendrick P. Patterson Vincent L. Capuano Eldora Ellison Floyd Thomas C. Fiala Brian J. Del Buono Kimberly N. Reddick

Theodore A. Wood Elizabeth J. Haanes Bruce E. Chalker Joseph S. Ostroff Frank R. Cottingham Christine M. Lhulier Rae Lynn Prengaman Jane Shershenovich* Rodney G. Maze Jason D. Eisenberg Michael D. Specht Andrea J. Kamage Tracy L. Muller

John J. Figueroa Ann E. Summerfield

Registered Patent Agents • Karen R. Markowicz Nancy J. Leith Helene C. Carlson Gaby L. Longsworth Matthew J. Dowd Aaron L. Schwartz Mary B. Tung Katrina Y. Pei Bryan L Skelton Robert A. Schwartzma Timothy A. Doyle Jennifer R. Mahalingappa Teresa A. Colella

Victoria S. Ruth Eric D. Hayes

Of Counsel Kenneth C. Bass III Evan R. Smith

*Admitted only in Maryland *Admitted only in Virginia •Practice Limited to Federal Agencies

August 1, 2003

WRITER'S DIRECT NUMBER: (202) 772-8835 **INTERNET ADDRESS:** TFIALA@SKGF.COM

RECEIVED

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AUG 0 4 2003 Technology Center 2100

Art Unit 2152

Re:

U.S. Patent Application

Appl. No. 09/973,871; Filed October 11, 2001

Dynamic Delta Encoding For Cable Modem Header Suppression

Inventor(s): BUNN et al.

Our Ref:

1875.0640001

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Supplemental Information Disclosure Statement;
- 2. Form PTO-1449 listing **SEVEN** (7) documents (1 page);
- 3. Copies of the SEVEN (7) cited documents as listed on Form PTO-1449; and
- 4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents August 1, 2003 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Thomas C. Fiala

Attorney for Applicant Registration No. 43,610

TCF/mjg Enclosures SKGF_DC1:162923.1

Sterne, Kessler, Goldstein & Fox PLLC. : 1100 New York Avenue, NW : Washington, DC 20005 : 202.371.2600 f 202.371.2540 : www.skgf.com



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

BUNN et al.

Appl. No. 09/973,871

Filed: October 11, 2001

For:

Dynamic Delta Encoding for Cable

Modem Header Suppression

Confirmation No. 7047

Art Unit: 2152

Examiner: To be Assigned

Atty. Docket: 1875.0640001

Supplemental Information Disclosure Statement

RECEIVED

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Technology Center 2100

AUG 0 4 2003

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- □ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.
 - □ a. I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - □ b. I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
 - □ c. Attached is our Check No. _____ in the amount of \$ ____ in payment of the fee under 37 C.F.R. § 1.17(p).
- □ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice

of Allowance,	but before payment of the	Issue Fee. Enc	losed find o	our Check
No	in the amount of \$	_ in payment	of the fee	under 37
C.F.R. § 1.17(1	o); in addition:	•		

- □ a. I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

 37 C.F.R. § 1.97(e)(1).
- □ b. I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- 4. Documents AD1 and AE1 were cited in search reports by a foreign patent office in counterpart foreign applications. Submission of an English language version of the search reports that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.
- □ 5. A concise explanation of the relevance of the non-English language document(s) appears below:
- □ 6. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. _______, filed ______, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Thomas C. Fiala

Attorney for Applicants Registration No. 43,610

110

Date:

1100 New York Avenue, N.W. Washington, D.C. 20005-3934

(202) 371-2600 SKGF_DC1:162906.1

	AUG	0 1 2003						Page 1	of 1
AUS 1 ZDOS				ATTY. DOCKET NO. 1875.0640001		APPLIC 09/973	CATION NO. 3,871		
CIDDI EMENTA		ORM PTO-1449	IIDE CTATEMENT	APPLICANT: BUNN et al.					
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				FILING DATE: October 11, 2001	GROUE		?: 2152		
		-	v.s.	PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLA	SS	SUB- CLASS	FILING	DATE
· · · · · · · · · · · · · · · · · · ·	AA1								
	AB1			* **	 				
**	AC1								
	AD1	6,295,481	09/2001	Price	4		EIVED		
	AE1	6,438,123	08/2002	Chapman					
	AF1	5,307,413	04/1994	Denzer			0 4 2003	<u> </u>	
	AG1	6,198,735	03/2001	Pazhyannur et al.		доч	U		
	AH1	6,542,931	04/2003	Le et al.	To	chnold	gy Center ?	ייייייייייייייייייייייייייייייייייייייי	
	AI1	6,434,168	08/2002	Kari	10	51			
	AJ1								
	AK1								
			FOREIG	N PATENT DOCUMENTS					
	T				1				

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
	AL1						Yes No	
	AM1						Yes No	
	AN1		!				Yes No	
	A01						Yes No	
	AP1						Yes No	

OTHER (Including Author, Title, Date, Pertinent Pages, etc.) AR 1 AS International Preliminary Examination Report for PCT/US01/31559, dated November ΑT 4 25, 2002, (4 pages).

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

DATE CONSIDERED

EXAMINER